

20000421.ba v02\_n873.bam.20000421

>From ???@??? Fri Apr 21 17:11:35 2000 -0500  
Message-Id: <200004212124.e3LL0wI07111@sco.theporch.com>  
Date: Fri, 21 Apr 2000 16:24:36 CDT  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 2873

## BOATANCHORS Digest 2873

Topics covered in this issue include:

- 1) Halli SR-150 part WTB  
by Sandy Gerli <angerli@home.com>
- 2) RE: I-210 Test Set  
by "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>
- 3) Re: POWER TRANSFORMER QUESTIONS  
by Arden Allen <gumbear@pacbell.net>
- 4) Re: Praises to the SX-28  
by "Hue Miller" <kargokult@proaxis.com>
- 5) Ranger repairs and manual?  
by MODSTEPH@ACS.EKU.EDU
- 6) Re: SX-28 LF hearing...  
by Chuck Swiger <cswiger@widomaker.com>
- 7) Re: Raleigh Fest SX-62A  
by Chuck Swiger <cswiger@widomaker.com>
- 8) Looking for...  
by "Ray A. Allen, Sr." <w2kbr@pcbank.net>
- 9) Re: SX-28 LF hearing...  
by Bob Roehrig <broehrig@admin.aurora.edu>
- 10) Hi Bobbi -(was)SX-28 LF hearing...  
by Al Parker <anchor@coastalnet.com>
- 11) FS COLLINS FILTERS  
by JACK IVERSON <jackiv@juno.com>
- 12) From HFS to Ranger to Oblivion  
by Michael N HoN Hopkins <mnhopkins@juno.com>
- 13) What every boatanchor needs  
by Sifakis George <sifakis@intrasoftnet.com>
- 14) SX-28 suggestions for rebuild  
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 15) Help! Lost OS  
by "Ed Tanton" <n4xy@att.net>
- 16) SR-150 xtals needed...  
by Sandy Gerli <angerli@home.com>
- 17) PRE-WWII RECEIVER COIL SETS FS.  
by David Stinson <arc5@ix.netcom.com>
- 18) ADMINISTRIVIA: Over Quoting

- by listown@jackatak.theporch.com (Mail List Owner)
- 19) Re: Raleigh Fest SX-62A  
by Chuck Swiger <cswiger@widomaker.com>
  - 20) WTB: manual for Tektronix 465M  
by David Ross <ross@hypertools.com>
  - 21) Power Transformer Questions  
by "Richard Brunner" <rbrunner@gis.net>
  - 22) Glowbug Status  
by Jim Hill <jshillw6ivw@earthlink.net>
  - 23) Radio Call Sign Question  
by Jerry Proc <jproc@idirect.com>

-----  
Message-ID: <38FFB81E.A2CC91F8@home.com>  
Date: Thu, 20 Apr 2000 22:08:30 -0400  
From: Sandy Gerli <angerli@home.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Halli SR-150 part WTB  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi,

Looking for the switch knob for the RIT on-off control. Anybody have a parts car out there?

73,

--

Sandy Gerli, AC1Y  
500 Country Club Road  
Avon, CT 06001-2406  
(860) 675-5566  
E-Mail: angerli@home.com

Life Member: ARRL, QCWA  
Collins Collectors Association  
Hallicrafters Collectors Association  
Intrepid Heathkit Aficionado

Boatanchors are Ham Radio's living heritage!  
Restore something! Smell that hot solder!  
Better 'n booze...  
And, you can get up afterwards if you stay away from the B+!!  
Keep your finals dipped, now...

-----

Date: Thu, 20 Apr 2000 23:14:23 -0400  
From: "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>  
Subject: RE: I-210 Test Set  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <200004202314\_MC2-A215-E038@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Dave,

See TM 11-306 (ME-13) or TM 11-316 (I-210)

Robert Downs  
WA5CAB  
Houston

-----  
Date: Thu, 20 Apr 2000 20:17:51 -0700  
From: Arden Allen <gumbear@pacbell.net>  
Subject: Re: POWER TRANSFORMER QUESTIONS  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <0FTC00D0LJTRDL@mta6.snfc21.pbi.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=ISO-8859-1  
Content-transfer-encoding: 7bit

Hi John;

A very thorough appraisal of power supply requirements may I say. Leakage inductance or reactance, you can have it either way, is simply the effect of an external inductance in series with the primary (and/or secondary if you wanna be complete). The greater the inductive reactance of the series inductor the poorer the transformer's output regulation. So you might say that it is the UNCOUPLED inductance of a transformer. If there is no leakage inductance (impossible to achieve) than a purely resistive load would be reflected to the primary which would present a purely resistive load to Mr. Edison. Because a SS rectifier has such a low impedance whatever is poor about the transformer's regulation surely shows up at the output of the rectifier, there is no vacuum tube plate resistance to act as somewhat of series regulator (and power waster). So if you can have a very low leakage inductance transformer your regulation will be as good as Hoover Dam's output,.....er, well the pot on the pole outside I mean. BTW my Galaxy 5 has a nice fat swinging choke (it helps to ballast the PS chassis) with semiconfiers, seems to do the job. I think you answered your own question on how to detect a well regulated transformer.....test it.

Or back to the books, I imagine you can piece the answer together from a few hundred paragraphs on the subject. Too big a job for me.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

-----  
Message-ID: <003b01bfab45\$5201b540\$fcc36ac6@oemcomputer>  
From: "Hue Miller" <kargokult@proaxis.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Praises to the SX-28  
Date: Thu, 20 Apr 2000 20:54:36 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-----Original Message-----  
From: russ dworakowski <wb3fau@hotmail.com>

|The SX-28a is not a bad rx. But Bill ORR is right-  
|the HROs blow Hallicrafters out of the water.

Gang, is this pretty much true for all HROs,  
even the earlier ones?  
On the other hand, they probably overload like  
crazy?  
Hue Miller

-----  
Date: Fri, 21 Apr 2000 00:08:56 -0400 (EDT)  
From: MODSTEPH@ACS.EKU.EDU  
Subject: Ranger repairs and manual?  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <01J0H796B2P4001J2L@ACS.EKU.EDU>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; CHARSET=US-ASCII

Gang:

got the one Ranger up and running, thanks to help  
from several of you out there. Saturday it goes to the home  
of KG4GWZ, one of my new Novic, to get him es on the air until he  
can come up with something of his own (he is in eighth grade).

In the meantime I still cannot find my Ranger manua, so

am looking to get a new copy of it - at least a copy of the schematic (with the grid-block keying unit) and the operating instructions. Any help?

Also have a weak 6AX5 in it - what is its function? It sits over near the xtal socket and might be used as part of the oscillator circuit. Need one of the tubes too...

Then I get after the second Ranger - and by the time it is running the license should be in for my second Novice. He passed it o/a 8 April.

Gee - and I started with a Harvey-Wells Bandmaster - xtal control, of course...

Anyway, need manual copy (Ranger) and a 6AX5. Donations gladly accepted, of course... and realistically, please let me know your price/cost if you have them to sell. Shipping to Richmond, KY.

73, Al N5AIT

-----  
Message-Id: <3.0.1.32.20000421082315.0092e100@thomasst>

Date: Fri, 21 Apr 2000 08:23:15 -0400

To: Old Tube Radios <boatanchors@theporch.com>

From: Chuck Swiger <cswiger@widomaker.com>

Subject: Re: SX-28 LF hearing...

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>band! (And \*why\* do they do such an awful thing? 'Cos most every town  
>has a station carryin' "Jack Armstrong" and suchlike; and why else \*would\*  
>a person listen to the freqs between 550 and 1600 kc except for that sort  
>of entertainment?) ("I dunno, Kingfish, why \*would" a person listen to..."

:) Seems I recall reading that at one time, in Chicago, every Monday night, all the local bc'ers signed off just so the local yocals \*could\* dx - ??

I'm lucky(?) to have a line of sight to a local 1kw tower on 1490, pegs S-meters w/ no antenna - good for 'selectivity' and image rejection tests, xtal sets.

Chuck  
kb4new  
cswiger@widomaker.com

-----  
Message-Id: <3.0.1.32.20000421083853.009222d0@thomasst>  
Date: Fri, 21 Apr 2000 08:38:53 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Chuck Swiger <cswiger@widomaker.com>  
Subject: Re: Raleigh Fest SX-62A  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

A. B. Bonds wrote:

>I cannot emphasize too strongly the total necessity to replace  
>EVERY black cap in your radio, even the hard-to-get ones under the  
>bandswitch.

Those aren't hard-to-get - they're IMPOSSIBLE to get, I can't even SEE the ungrounded ends, much less get an iron in there. I'm looking at some other technique like find another tie point for a replacement and just snip the gnd end and seal, leaving it physically in but unconnected - otherwise snip the ground connection and twist and pull untill the other end breaks free but don't know yet.

Well, out of 45 caps in the parts list, 41 have been replaced, that leaves two red ones under the 6V6's to change and the two under the bandswitch. And what thanks do I get? After working for hours last night, this morn went to get Australia and noticed NO dial light - hmmm, rectifier is glowing red, regulator is glowing purple, but all the rest are dark. Don't need an engineering degree to figure out what's wrong there. Just hope the junque shoppe has a small 6.3v xfmr on the shelf this weekend. Haven't traced the schematic but I don't think one of the remaining 4 caps could have done that!

Chuck  
kb4new  
cswiger@widomaker.com

-----  
Message-ID: <39005152.EE5C6D14@pcbank.net>  
Date: Fri, 21 Apr 2000 09:02:10 -0400  
From: "Ray A. Allen, Sr." <w2kbr@pcbank.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Looking for...  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Group:

Anybody know, or know of very senior Boatanchor fellow,  
William B Filiak, LKA:8015 Astoria Blvd, Jackson Heights, New York?

Very possible He be SK..unfortunately...thanks  
Any info, please reply direct...

--

\*\*\*\*\*  
Ray A. Allen, Sr., W2KBR  
8303 Grainfield Rd.,  
Severn, Maryland, 21144-2331  
\*\*\*\*\*

-----  
Date: Fri, 21 Apr 2000 08:16:27 -0500 (CDT)  
From: Bob Roehrig <broehrig@admin.aurora.edu>  
To: Old Tube Radios <boatanchors@theporch.com>  
cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: SX-28 LF hearing...  
Message-ID: <Pine.OSF.3.96.1000421081550.1165B-100000@admin.aurora.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 21 Apr 2000, Chuck Swiger wrote:

> :) Seems I recall reading that at one time, in Chicago, every  
> Monday night, all the local bc'ers signed off just so the local  
> yocals \*could\* dx - ??

Back in the 20's my dad was building Bremer Tulley kits and said that  
was true.

"Nostalgia is a thing of the past"  
E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net 73 de Bob, K9EUI  
CIS: Data / Telecom Aurora University, Aurora, IL  
630-844-4898 Fax 630-844-4222  
PLEASE PUT ALL REPLIES IN ASCII TEXT ONLY

-----  
Message-Id: <3.0.6.32.20000421092357.00946ae0@mail2.coastalnet.com>  
Date: Fri, 21 Apr 2000 09:23:57 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Al Parker <anchor@coastalnet.com>  
Subject: Hi Bobbi -(was)SX-28 LF hearing...  
Cc: BA <boatanchors@sco.theporch.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 04:52 PM 04/20/2000 -0500, Roberta J. Barmore wrote:  
> I don't happen to have an SX-28 manual handy, but--

> Pretty sure Halli switches OUT the first RF amp on the .55 to 1.6 mc  
>band! (And \*why\* do they do such an awful thing? <snip>>  
> ...Not 100% on that but pretty sure the last time I dug through the  
>books on mine I noticed they sneaked that in. Well, maybe it saves the  
>front end tube when WLW has the 500kW rig running?

Hi Bobbi,

Good to hear from you again, seems I remember you said a while ago that you'd be too busy for us for a while ;-)

And you're right again, as usual. The SX-28 doesn't use the first RF on the 2 lowest bands.

I've been "gathering strength" to get into one of the 2 I've got, awaiting my attn, and took a peek at the skem. I've got a pwr xfmr coming for the one I got from a list member nearly 2 yrs ago, which had a replacemnt xfmr in the spkr cab. I keep telling him it's at least within my daily sight, and should be getting to the top of the queue soon. I've been re-reading all I've saved, like how to get into the RF deck, etc. Someone had put Orange Drops in, but stopped short of doing the hard parts.

73,

-----  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: collins@qth.NET  
Date: Fri, 21 Apr 2000 08:30:17 -0500  
Subject: FS COLLINS FILTERS  
Message-ID: <20000421.083026.-325293.8.jackiv@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
From: JACK IVERSON <jackiv@juno.com>

collins filters:

one, p/n 526-9169-117 filter, 3.1 kc  
one, p/n 526-9317-117 filter, 2.1 kc

these are nos in original boxes, unused. \$55.00 each plus \$3.20  
priority mail, US only

jack iverson <jackiv@juno.com>

-----



To: Old Tube Radios <boatanchors@theporch.com>  
Date: Fri, 21 Apr 2000 08:24:38 -0700  
Subject: From HFS to Ranger to Oblivion  
Message-ID: <20000421.082708.-413543.1.MNHopkins@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
From: Michael N HoN Hopkins <mnhopkins@juno.com>

This week I'm detailing W5FRS's National HFS.

This is real ham radio -- a super blooper behind a set of plug in coils for 27 to 250 mc. It has a switch to cut out it's 6K6 so you can listen to the 6J5 with 'phones like an OT, and if you can't manipulate the regeneration and audio controls at the same time you won't even hear the local baby monitors below 50 mc. I felt like Harris or Jones, and its ample chassis has room to swing a cat.

What happened to us?

I once thought it was the Regency ATC-1 converter -- the first all transistor rig offered to the ham public. But I have one and it has not corrupted me, so I must assume the problem started in '54, not in '57. I proclaim as war criminal the Johnson Viking Ranger et sec Ranger II.

We lost our way when we bought the assumption on which the Ranger is based. But there is no good reason to put a VFO between an RF and an AF bank. You might do that in an Eimac AF-54, -67, -68 for wide spectrum mobile AM, but no one in his right mind would put a home station VFO in a ring of fire like some electronic Brunnhilde. So why did we do it? Why do we still seek the '54 Johnson Ranger and its '61 sequel with 6M?

We bought miniaturization as a goal, pals, and that's it. It took us all and it rhymes with pall and it's "small" -- that's right, "small!" Miniature! Miniature right there in ham station city.

We lost our way. What else can I say?

ab5L -- Michael N. Hopkins MNHopkins@JUNO.com  
Box 226841, Dallas, TX 75222  
Archiving receive converters and the Golden Age of 6M -- 1956-58

-----  
Message-ID: <31D17AF245C3D111BB75002035E72311012268CC@postman.isoft.intranet.gr>  
From: Sifakis George <sifakis@intrasoftware.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: What every boatanchor needs

Date: Fri, 21 Apr 2000 17:04:43 +0300  
MIME-Version: 1.0  
Content-Type: text/plain

is of course a power cord. Here is a good source and don't forget to check the "pricing" before you order :-)

<http://www.essentialsound.com/>

Have a good Easter, everyone  
George Sifakis

-----  
Message-Id: <3.0.1.32.20000421094642.01508640@vuse.vanderbilt.edu>  
Date: Fri, 21 Apr 2000 09:46:42 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>  
Subject: SX-28 suggestions for rebuild  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 09:23 AM 4/21/00 -0400, you wrote:

>  
> I've been "gathering strength" to get into one of the 2 I've got, awaiting  
> my attn, and took a peek at the skem. I've got a pwr xfmr coming for the  
> one I got from a list member nearly 2 yrs ago, which had a replacemnt xfmr  
> in the spkr cab. I keep telling him it's at least within my daily sight,  
> and should be getting to the top of the queue soon. I've been re-reading  
> all I've saved, like how to get into the RF deck, etc. Someone had put  
> Orange Drops in, but stopped short of doing the hard parts.

General notes for all those with moribund SX28's:

(1) Don't run them (much) unless they have been fully recapped. Shorted bypass caps can load the power transformer down and burn it out. That is why so many have had power xformer surgery.

(2) Make sure you have the right docs. There are SX28's and SX28A's. Many of the A's do not tell you their identity on the front panel. The main difference is that the 28's use large cardboard form coils in the RF box, the 28A's use small rectangular bakelite forms with visible ferrite cores (usually waxed). The alignment diagram is wholly different.

(3) You gotta do the RF box. My instructions for the first three sections are on Jim Hawkins' web site. The addendum is this: If possible BEFORE you take the RF box down, test the oscillator for stability. It's as simple as tuning into a strong station and switching on the BFO. Listen for warble or instability. The usual warnings apply, make sure your BFO is

stable as well. Mine was grossly unstable, especially on the higher bands. If this is the case, an oscillator rebuild is also indicated.

To do this, you have to remove the front panel of the RF box. It requires the usual practice of desoldering the leads to the variable cap (all 7 or so of them). There are two tricks: (a) No need to disconnect the switch wafer that is mounted on the front panel, just unscrew the nuts holding it to the bandswitch and slip it off the studs, let it dangle in the breeze. (b) Note that there is a lead from a bandswitch wafer directly to the osc tube socket. This has to be removed and replaced to get the front panel out. It is impossible to get at the ends. I cut it fairly close to the bandswitch, then put a slightly longer stub on the bandswitch when it was out. You can then loop the wires and resolder at the joint in midair. Sloppy, but it works. Otherwise imposserous.

In any case replace components in the RF box if there is the slightest doubt. You don't want to revisit that place.

(4) A full recondition is not a weekend job. Plan on 30-40 hours at least. It's worth it.

73            A. B. Bonds

-----  
From: "Ed Tanton" <n4xy@att.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "Drakelist Reflector" <drakelist@baltimoremd.com>,  
    "Collins Reflector" <COLLINS@LISTSERV.TEMPE.GOV>  
Subject: Help! Lost OS  
Date: Fri, 21 Apr 2000 11:03:06 -0400  
Message-ID: <CKEGICNFDIMCEKEDCEHFIEAPCBAA.n4xy@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I apologize for repeating this-but I STILL haven't heard from folks I need to send things to. To repeat what happened: "Well, I did it again. I just got what was supposed to be an upgraded CD-R/W control program from Adaptec called: "WIN-on-CD v.3.7 Power Edition". It was powerful alright... and TOTALLED my entire OS HDD partition. That means unrecoverable: MS IE5 incl. all URLs; MS Outlook incl: ALL emails for the past several years, all 'Contacts'/Address book; etc. etc.

I am up and running again, as you can see, but I have no way to contact anyone beyond those email addresses I can remember, or happen to see. If I am supposed to send you anything, I need an email about it-otherwise I'm dead in the water. I'm also having to figure out the email addresses of my

non-qth.net reflectors (QRP-L, Drakelist, Boatanchors... to name a few.) I apologize for the BW, but there's no other way to do this.

I used to back up religiously... but I have about 30GB of HDD on this machine, and while my 'data HDD' was not lost, the programs on it that had IDs/locations/preferences in someplace other than their own directories all will have to be reinstalled. I haven't been backing up since the HDD got so large-but now I guess I'm going to get serious about it. Not even a signature left. 90% of my software must be reloaded. Not a good week."

I especially need to hear from: Charles Fiford; N.C. Luhman; & Wally Gibbons. I have envelopes printed but not the emails.

Again my apologies for the BW-it will be my last try.

73 Ed Tanton <n4xy@arrl.net> K2# 0057 (FT)

website: <http://www.qsl.net/n4xy/>

-----  
Message-ID: <39007027.AB8DEAA7@home.com>  
Date: Fri, 21 Apr 2000 11:13:43 -0400  
From: Sandy Gerli <angerli@home.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: SR-150 xtals needed...  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi, gang,

Just LOVE the SR-150 I fixed up...but it needs the optional 10 metre xtals.

Looking for Y2, Y3 and Y5: 36.0, 35.5 and 34.5 MHz...(oops, I mean MC)

Original Halli p/n: 019-002940-08, 019-002940-07 and 019-009240-05

I think there was a fellow on the reflector who had a lot of original spares, xtals, etc. I got one xtal from him for my SR-2000 a while back...but I don't remember who it was!

73,

--

Sandy Gerli, AC1Y  
500 Country Club Road

Avon, CT 06001-2406  
(860) 675-5566  
E-Mail: angerli@home.com

Life Member: ARRL, QCWA  
Collins Collectors Association  
Hallicrafters Collectors Association  
Intrepid Heathkit Aficionado

Boatanchors are Ham Radio's living heritage!  
Restore something! Smell that hot solder!  
Better 'n booze...  
And, you can get up afterwards if you stay away from the B+!!  
Keep your finals dipped, now...

-----  
Message-ID: <39007F23.A73758C0@ix.netcom.com>  
Date: Fri, 21 Apr 2000 11:17:40 -0500  
From: David Stinson <arc5@ix.netcom.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: PRE-WWII RECEIVER COIL SETS FS.  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Coil sets for the BC-229 or BC-429 aircraft radio command set receiver.  
Clean and in excellent depot condition.  
This receiver is part of SCR-183 / SCR-283, which was the standard  
Army Air Corps command set through the 1930s and into the early war  
years.  
They did see service throughout WW-II.

These coils are the dual range sets,  
covering 200-400 KC and 2500-4750 KC.  
Most are still in the depot wraps.  
Most still have the depot "SERVICABLE" tags with WW-II dates.

\$15 each plus \$5 shipping. Have several.  
Will also talk trades for other coil ranges or  
similar-era items.

73 DE Dave Stinson AB5S  
arc5@ix.netcom.com

-----  
Message-Id: <200004211615.e3LGF1N07121@jackatak.theporch.com>  
From: listown@jackatak.theporch.com (Mail List Owner)  
To: Old Tube Radios <boatanchors@theporch.com>

Subject: ADMINISTRIVIA: Over Quoting

Date: Fri, 21 Apr 2000 11:15:01 CDT

Gang-

Apparently the gentle nudge and suggestion approach to the issue of improving the quality of posts to the BoatAnchors list, and maintaining our excellent (and high) signal to noise ratio is falling on DEAF EYES!

PLEASE READ THIS AND SAVE IT BECAUSE IT IS IMPORTANT!!!

The list culture is to include only those portions of a prior post that are required to maintain the context of your comments. We have always tried to reduce the amount of "chaf" on the list, and this is one good way.

In private mail between you, a subscriber, and me,, as list manager, I really don't care one way or the other, but when posting to the list, there are at least two issues of concern:

- 1) the increased bandwidth from including extra text.  
With the trial subscriptions and full members, the number of copies of each post mailed out change the impact of each extra word so that each single character becomes 1,000 characters of mail!
- 2) by not editing out included text, it sends a not at all subtle message to the list, that the poster considers his/her own time required to merely swipe his mouse across the text and tap the delete key, to be more valuable than the collective time and energy of the 600-700 readers on the list... not exactly a "positive" message! ;^)

This isn't rocket science... you place the pointer at the top of the message you are including \*parts\* of, and click-drag to where you need to include, and then hit the backspace or delete key... painless, easy, quick, and very helpful to the list.

PLEASE begin to pay attention to this... those who consistently can not be bothered to be considerate of the list will forfeit posting privileges and risk not being invited back for membership.

Treat the list as a symposium. In such an environment, with 600 others attending who have paid to be there, it is unlikely you would repeat someone else's portion of a conversation in its entirety as part of your own remarks... it would become very tedious, very quickly, if you did... especially if you repeated even the closing signature block of the previous message.

Thanks for your understanding and help in making the boatanchors list

have the highest signal to noise on the InterNet.

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -

listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"

Fri Apr 21 11:15:01 CDT 2000

-----  
Message-Id: <3.0.1.32.20000421130918.00905840@thomasst>

Date: Fri, 21 Apr 2000 13:09:18 -0400

To: Old Tube Radios <boatanchors@theporch.com>

From: Chuck Swiger <cswiger@widomaker.com>

Subject: Re: Raleigh Fest SX-62A

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>A. B. Bonds wrote:

>Gack. That makes no sense. There are no caps on the filament lines.

>Sorry to hear it.

Well, there is a battery socket in the back with a shorting plug in the filament lines - that can be and was the point of failure. Xfmr ok, cleaned contacts, situation normal.

Chuck

kb4new

cswiger@widomaker.com

-----  
Message-Id: <3.0.6.32.20000421103643.007d6870@mail.willapabay.org>

Date: Fri, 21 Apr 2000 10:36:43 -0700

To: Old Tube Radios <boatanchors@theporch.com>

From: David Ross <ross@hypertools.com>

Subject: WTB: manual for Tektronix 465M

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hello -

Got a broken oscilloscope here, and I'd like to buy a manual for it. Does anyone have an extra manual for a Tektronix 465M? (I believe the gov't called this 'scope a USM-425)

Either the Tektronix or the military version will be OK.

thanks

Dave Ross      N7EPI      ross@hypertools.com

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Message-ID: <00b001bfabc9\$5e018f80\$ed3029d8@tne1tcds>

From: "Richard Brunner" <rbrunner@gis.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Power Transformer Questions

Date: Fri, 21 Apr 2000 15:37:40 -0400

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

"I found a statement from QST Tech Corres (9/94) which said that capacitor input filters require power xfmrs with "low" leakage reactances. Said that cap input ps filters are the norm with amateur ps's these days. Can get as good as 4% quiescent to full-load regulation with low leakage reactance xfmrs.

Sez xfmrs with "high" leakage reactance require choke input filters. Use of cap input filters with such xfmrs gives poor regulation, about 35% even with lots of caps (120 uF). Choke inputs needed."

These statements make no sense! A high leakage reactance, or high impedance, transformer merely has poor regulation. As noted, it looks like a perfect transformer with a series reactance to give poorer regulation. Capacitor input or choke input is merely a matter of the designers taste. Under light load, voltage on both will soar to nearly the square root of two times rms input voltage. The only advantage with the choke-input filter is that the peak rectifier current is less than with capacitor-input, which is normally no problem when using silicon rectifiers. This is the main reason that choke-input filters were always used in high-voltage power supplies using mercury-vapor rectifiers. It may give less ripple too, depending on component values.

The author may have had it backwards, thinking he wanted a high-reactance transformer to limit peak rectifier current to a capacitor filter. That "may" have been true decades ago, and even then, in my opinion, was poor design because the concomitant effect is poor voltage regulation.

Richard Brunner.brunner@gis.net

-----  
Message-Id: <3.0.5.32.20000421141728.02120300@earthlink.net>

Date: Fri, 21 Apr 2000 14:17:28 -0700

To: Old Tube Radios <boatanchors@theporch.com>

From: Jim Hill <jshillw6ivw@earthlink.net>

Subject: Glowbug Status

Mime-Version: 1.0



Content-Type: text/plain; charset="us-ascii"

Hi:

Does anyone know the status of the Glowbugs reflector? The last message I received was on the 18th of this month, and I have been unable to send a message. If I'm no longer a member for some reason, how to I reestablish membership?

Thanks, Jim

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Message-ID: <3900C489.BD8F554B@idirect.com>  
Date: Fri, 21 Apr 2000 17:13:46 -0400  
From: Jerry Proc <jproc@idirect.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Radio Call Sign Question  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Folks,

I've just transcribed an authentic WWII Convoy Cruising Order and posted it on-line at:

[http://webhome.idirect.com/~jproc/rrp/apend\\_b2.html](http://webhome.idirect.com/~jproc/rrp/apend_b2.html)

After studying the document at length, a question arises.

The American ships in the convoy all have their radio call signs in the Kxxx or Wxxx format. The British/Canadian ships are consistent with the Gxxx/Vxxx formats. I see that Dutch, Greek and Norwegian ships used the call sign format Bxxx. When I consult my 1938 Amateur Radio Handbook, I see that the 'A' and 'B' blocks of call signs have been unassigned at this point, yet those same countries in question already had established prefixes as we know them today. Just to help complicate matters, one Norwegian ship is using the Lxxx format which is correct for Norway at the time.

Any guesses as to why the Bxxx format was used for those particular ships? Did it have anything to do with the fact those countries were under occupation and could not use the normal call sign format?

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Regards,  
Jerry Proc VE3FAB    jproc@idirect.com  
Web:        www3.sympatico.ca/hrc/haida  
HMCS HAIDA Historic Naval Ship, Toronto Ontario

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End of BOATANCHORS Digest 2873  
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